

Appendix A
Washington Ship Channel Organics TMDLs, WLAs, LAs,
and Percent Reductions

Tidal Basin Loads and TMDL – pounds/average year

Constituent	Total Load	TMDL	MOS (10%)	WLA	LA	Percent Reduction
Chlordane	2.222E-02	8.003E-03	8.003E-04	3.980E-03	3.223E-03	63.99%
DDD	6.782E-02	6.782E-03	6.782E-04	3.372E-03	2.732E-03	0%
DDE	3.007E-02	8.003E-03	8.003E-04	3.980E-03	3.223E-03	73.38%
DDT	7.732E-02	8.003E-03	8.003E-04	3.980E-03	3.223E-03	89.65%
Dieldrin	6.556E-04	6.556E-04	6.556E-05	3.260E-04	2.641E-04	0%
Heptachlor Epoxide	2.164E-03	1.492E-03	1.492E-04	7.419E-04	6.010E-04	31.03%
PAH1	1.489E+00	1.489E+00	1.489E-01	7.403E-01	5.996E-01	0%
PAH2	9.404E+00	4.205E-01	4.205E-02	2.091E-01	1.694E-01	95.53%
PAH3	6.063E+00	4.205E-01	4.205E-02	2.091E-01	1.694E-01	93.06%

Constituent	Total Load	Atmospheric Load	TMDL (Land Based Source)	WLA (Land Based Source)	LA (Land Based Source)	Percent Reduction
TPCB	1.822E-01	1.025E-02	5.675E-04	3.141E-04	2.534E-04	99.67%

Washington Ship Channel Loads and TMDL – pounds/average year

Constituent	DC Existing Load	TMDL	MOS (10%)	WLA	LA	Percent Reduction
Chlordane	5.762E-02	2.075E-02	2.075E-03	1.315E-02	5.524E-03	63.99%
DDD	1.758E-02	1.758E-02	1.758E-03	1.115E-02	4.681E-03	0%
DDE	7.796E-02	2.075E-02	2.075E-03	1.3150E-02	5.524E-03	73.38%
DDT	2.005E-01	2.075E-02	2.075E-03	1.3150E-02	5.524E-03	89.65%
Dieldrin	1.700E-03	1.700E-03	1.700E-04	1.077E-03	4.525E-04	0%
Heptachlor Epoxide	5.609E-03	3.869E-03	3.869E-04	2.452E-03	1.030E-03	31.03%
PAH1	3.860E+00	3.860E+00	3.860E-01	2.446E-00	1.027E-00	0%
PAH2	2.438E+01	1.090E-00	1.090E-01	6.910E-01	2.902E-01	95.53%
PAH3	1.572E+01	1.090E-00	1.090E-01	6.910E-01	2.902E-01	93.06%

Constituent	Total Load	Atmospheric Load	TMDL (Land Based Source)	WLA (Land Based Source)	LA (Land Based Source)	Percent Reduction
TPCB	4.724E-01	5.147E-02	1.389E-03	9.788E-04	4.104E-04	99.67%